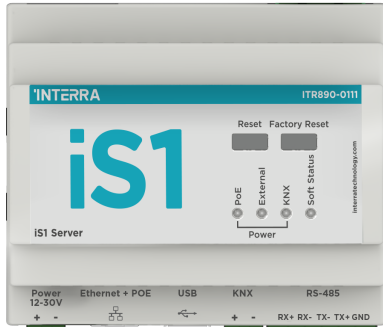


iS1 Server



Product Code	ITR890-0XXX
Power Supply	12-30 V DC External Power Supply
Current Consumption	0.5A @12 V DC 0.3A @30 V DC
CPU	Quad-Core Cortex-A53 CPU
Memory	2 GB
Storage	8 GB EMMC
Operating System	Android / Linux
Connectors	2x USB 2.0, 1x Ethernet Connector
PoE	PoE+ Type-II IEEE802. 3at
RS485	Supported
LED Indicators	External Power, KNX, PoE, Software Status
Physical Control - Test	Output Control, Inputs Status, Reset, Factory Reset
Remote Control	Android & IOS App, Web Interface
Time Functions	Hardware Real-Time Clock (RTC), Astronomical Time Calculation
Web Control Interface	Monitoring, Control Automation and Device Settings Over Web Browser
Protocols	KNX-IP, Modbus-IP, DALI-IP, BACnet -IP , IFTT, MQTT, EIO, Web Socket, TCP Socket ..etc
Dimensions	105.4 x 90.5 x 58.5 mm (W x H x D)

DESCRIPTION

iS1 Server creates flexible and complex logic configurations. iS1 Server is designed to communicate with Node based programming/drag and drop editor, send data to BMS between devices using different protocols. Node based programming/drag and drop editor allows to configure flows, Nodes and dashboard to control the automation system.

MAIN FUNCTIONAL CHARACTERISTICS

- It supports up to 10.000 different data points.
- Via Web interface, iS1 is easy to configure.
- The dashboard can be created for visualization.
- iS1 has a default web interface which can be accessed by two ways:
 - a) IP Address:8080 will give access to the Node base programming/drag and drop editor Web Interface
 - b) IP Address:8080/ui will give access to the iS1 Server's Control Panel
- iS1 Server comes with INTERRA Technology Nodes along with the default nodes.
- Integrated Hardware Real-Time Clock (RTC) with support for time-based and astronomical automation functions based on system and location data.

Default IP Configuration

Username	interra
Password	interra
Default IP Address	192.168.1.250
Network Mask	255.255.255.0

MODELS AND VARIATIONS

ITR890-0X₁X₂X₃

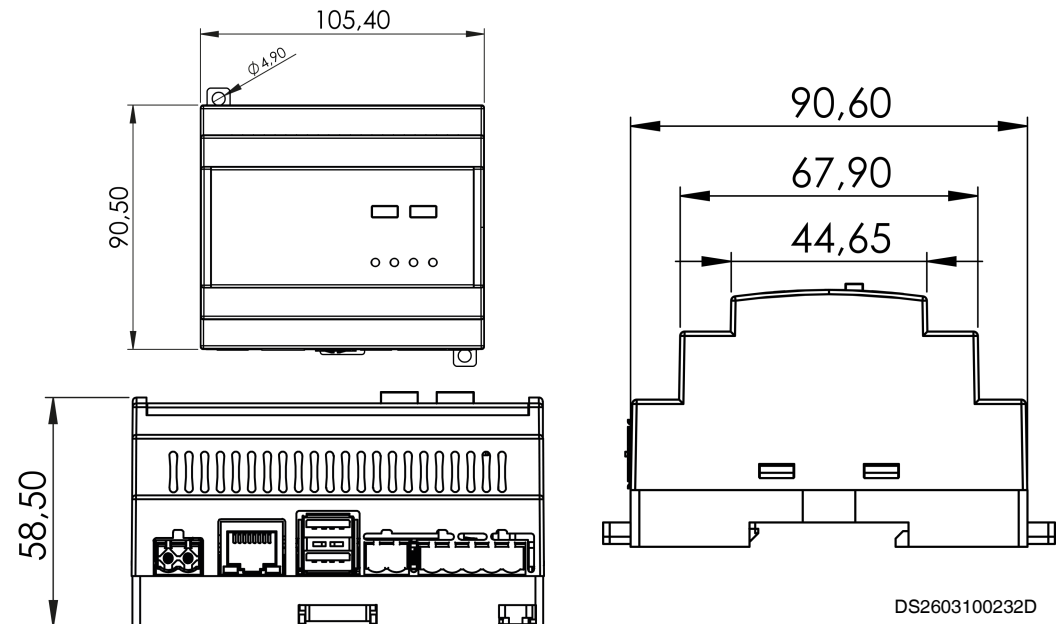
X₁: PoE Status | **0**: No PoE / **1**: PoE

X₂: KNX Status | **0**: No KNX / **1**: KNX

X₃: RS485 Status | **0**: No RS485 / **1**: RS485

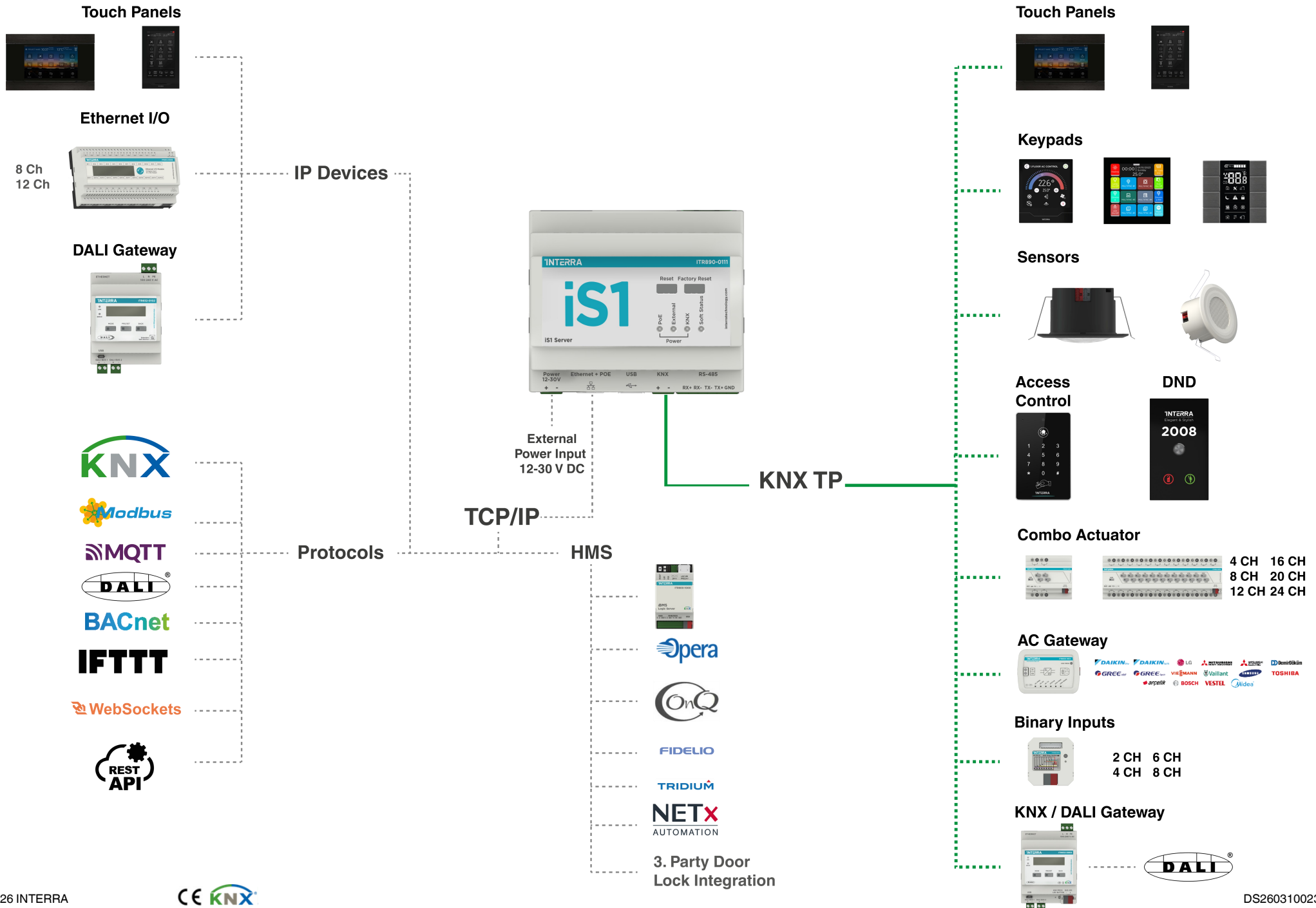
DIMENSIONS

- All values given in the device dimensions are millimetres.



MOUNTING AND SAFETY INSTRUCTIONS

- The device may only be installed and put into operation by a qualified electrician or authorized personnel.
- For planning and construction of electric installations, the appropriate specifications, guidelines and regulations in force of the respective country have to be complied.
- Do not connect the main voltage (230 V AC).
- Do not expose this device to direct sunlight, rain or high humidity.
- Clean the product with a clean, soft, damp cloth.
- Do not use aerosol sprays, solvents or abrasives that might damage the device.
- Installation only in dry locations and on a 35 mm DIN rail (TH 35).
- Accessibility of the device for operation and visual inspection must be provided.



iS1 Server



Ürün Kodu	ITR890-0XXX
Güç Kaynağı	12-30 V DC Harici Güç Kaynağı
Akım Tüketimi	0.5A @12 V DC 0.3A @30 V DC
CPU	Quad-Core Cortex-A53 CPU
Ön Bellek	2 GB
Hafıza	8 GB EMMC
İşletim Sistemi	Android / Linux
Konnektörler	2x USB 2.0, 1x Ethernet Konnektörü
PoE	PoE+ Type-II IEEE802.3at
RS485	Destekliyor
LED Göstergeler	Harici Güç, KNX, PoE, Yazılım Durumu
Fiziksel Kontrol - Test	Çıkış Kontrolü, Girişlerin Durumu, Reset, Fabrika Ayarlarına Reset
Uzaktan Kontrol	Android & IOS App, Web Arayüz
Zaman Fonksiyonları	Donanım Gerçek Zaman Saati (RTC), Astronomik Zaman Hesaplaması
Web Kontrol Arayüzü	Web Tarayıcı Üzerinden İzleme, Kontrol Otomasyonu ve Cihaz Ayarları
Protokoller	KNX-IP, Modbus-IP, DALI-IP, BACnet-IP, IFTT, MQTT, EIO, Web Socket, TCP Socket ..vs
Boyutlar	105.4 x 90.5 x 58.5 mm (W x H x D)

AÇIKLAMA

iS1 Server esnek ve karmaşık mantık konfigürasyonları oluşturur. iS1 Server, Node tabanlı programlama/sürükle-bırak editörü ile iletişim kuracak şekilde tasarlanmıştır ve farklı protokoller kullanan cihazlar arasında BMS'ye veri gönderir. Node tabanlı programlama/sürükle-bırak editörü, otomasyon sistemini kontrol etmek için akışları, Node'ları ve kontrol panelini yapılandırmanıza olanak tanır.

ANA FONKSİYONEL KARAKTERİSTİKLERİ

- Interra iS1, 10.000 farklı veri noktasını destekler.
- iS1 Server, web arayüzü ile yapılandırılabilir.
- Kullanıcı Arayüzü (Kontrol Paneli) iS1 Server ile oluşturulabilir.
- iS1 Server'ın varsayılan web arayüzüne iki şekilde erişilebilir:
 - a) IP Adresi:8080, Node tabanlı programlama/sürükle-bırak editörü Web Arayüzüne erişim sağlar.
 - b) IP Adresi:8080/ui, iS1 Server'ın Kontrol Paneline erişim sağlar.
- iS1 Server, varsayılan düğümle birlikte INTERRA Teknoloji Düğümleri ile birlikte gelir.
- Donanımsal Gerçek Zaman Saati (RTC) desteği ile sistem ve konum bilgisine bağlı olarak zaman bazlı ve astronomik otomasyon fonksiyonlarını destekler.

Varsayılan IP Konfigürasyonu

Kullanıcı Adı	interra
Şifre	interra
Varsayılan IP Adres	192.168.1.250
Ağ Maskesi	255.255.255.0

MODELLER ve VARYASYONLAR

I T R 8 9 0 - 0 X₁ X₂ X₃

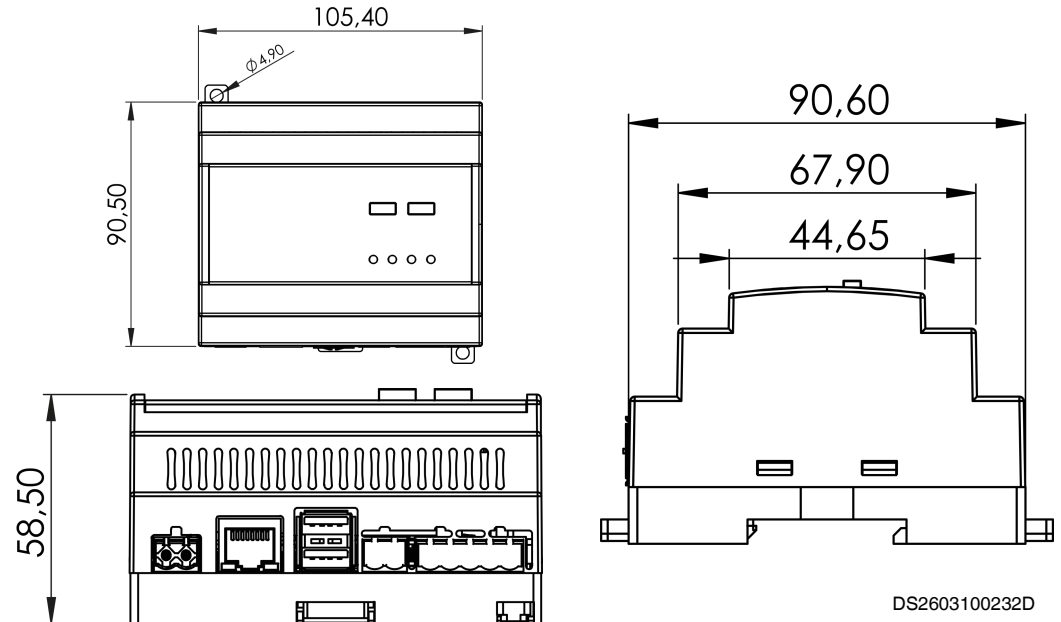
X₁: KNX Durumu | 0: KNX yok / 1: KNX

X₂: PoE Durumu | 0: PoE yok / 1: PoE

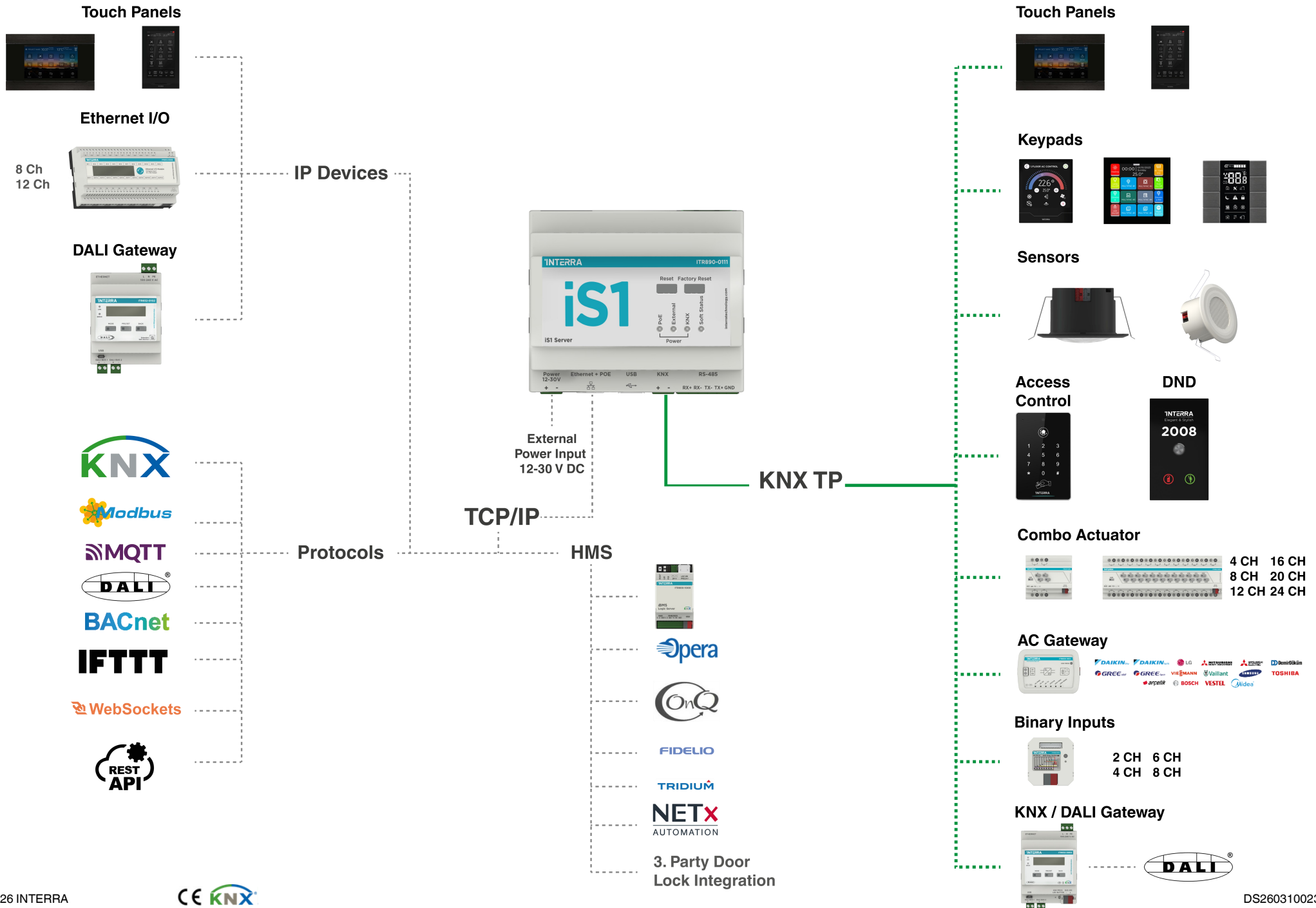
X₃: RS485 Durumu | 0: RS485 yok / 1: RS485

BOYUTLAR

- Cihaz ölçülerinde verilen tüm değerler milimetredir.



DS2603100232D



iS1 Server



Produktcode	ITR890-0XXX
Stromversorgung	12-30 V DC Externe Stromversorgung
Stromaufnahme	0.5A @12 V DC 0.3A @30 V DC
CPU	Quad-Core Cortex-A53 CPU
Erinnerung	2 GB
Lagerung	8 GB EMMC
Betriebssystem	Android / Linux
Stecker	2x USB 2.0, 1x Ethernet-Anschluss
PoE	PoE+ Type-II IEEE802.3at
RS485	Unterstützt
LED-Anzeigen	Externe Stromversorgung, KNX, PoE, Softwarestatus
Physische Steuerung - Test	Ausgangssteuerung, Eingangsstatus, Zurücksetzen, Werkseinstellungen
Fernsteuerung	Android & IOS App, Web Interface
Zeitfunktionen	Hardware-Echtzeituhr (RTC), astronomische Zeitberechnung
Websteuerungsschnittstelle	Überwachung, Steuerung, Automatisierung und Geräteeinstellungen über den Webbrowser
Protokolle	KNX-IP, Modbus-IP, DALI-IP, BACnet-IP, IFTT, MQTT, EIO, Web Socket, TCP Socket ...
Masse	105.4 x 90.5 x 58.5 mm (W x H x D)

BESCHREIBUNG

Der iS1 Server erstellt flexible und komplexe Logik-konfigurationen. Der iS1 Server ist so konzipiert, dass er mit einem node-basierten Programmier-/Drag-and-Drop-Editor kommuniziert und Daten zwischen Geräten mit unterschiedlichen Protokollen an das BMS sendet. Der node-basierte Programmier-/Drag-and-Drop-Editor ermöglicht die Konfiguration von Flows, Nodes und Dashboards zur Steuerung des Automatisierungssystems.

HAUPTFUNKTIONELLE EIGENSCHAFTEN

- Es unterstützt bis zu 10.000 verschiedene Datenpunkte.
- Über die Weboberfläche lässt sich iS1 einfach konfigurieren.
- Das Dashboard kann zur Visualisierung erstellt werden.
- iS1 verfügt über eine Standard Weboberfläche, auf die auf zwei Arten zugegriffen werden kann:
 - a) Die IP-Adresse:8080 ermöglicht den Zugang zur Web-Schnittstelle des node-basierten Programmier-/Drag-and-Drop-Editors.
 - b) Die IP-Adresse:8080/ui ermöglicht den Zugang zum Steuerungspanel des iS1 Server.
- iS1 Server wird zusammen mit den Standardknoten mit INTERRA Technologieknoten geliefert.
- Integrierte Hardware-Echtzeituhr (RTC) mit Unterstützung zeitbasierter und astronomischer Automatisierungsfunktionen auf Basis von System- und Standortdaten.

Standard-IP-Konfiguration

Login-Name	interra
Passwort	interra
Standard-IP-Adresse	192.168.1.250
Netzwerkmaske	255.255.255.0

MODELLE UND VARIATIONEN

ITR890-0X₁X₂X₃

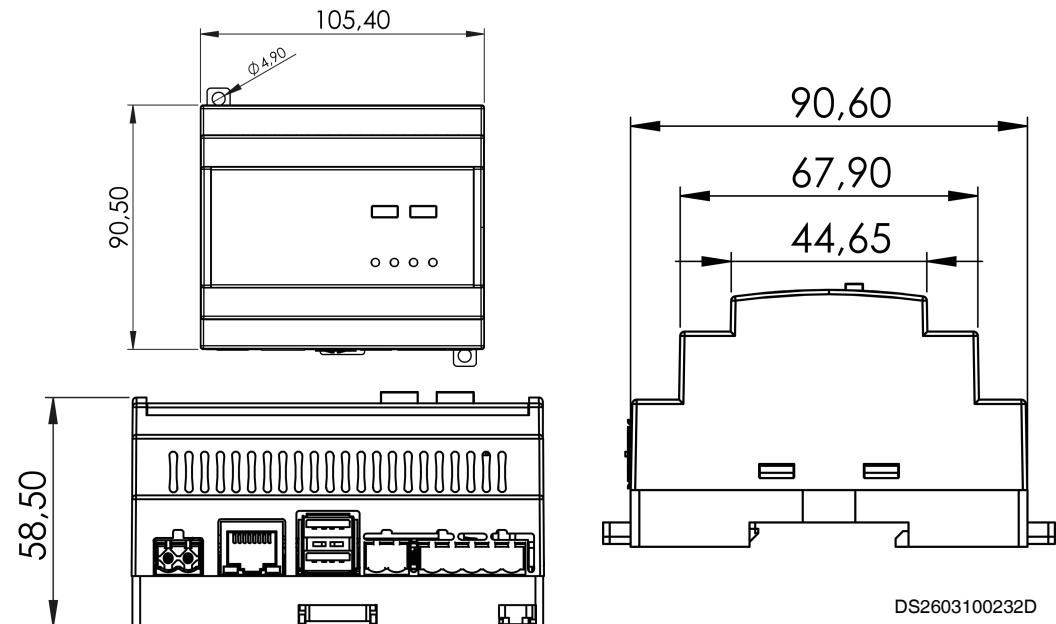
X₁: KNX Status | **0**: Kein KNX / **1**: KNX

X₂: PoE Status | **0**: Kein PoE / **1**: PoE

X₃: RS485 Status | **0**: Kein RS485 / **1**: RS485

MASSE

- Alle in den Geräteabmessungen angegebenen Werte sind Millimeter.



DS2603100232D

